

IN THE SPECIFICATION

Please amend the current title to:

--Video Game Controller with Noise Canceling Logic--

On paragraph [0051], please amend as follows:

--Figures 9A through 9C illustrate various embodiments of an input device containing single and multiple microphones in accordance with one embodiment of the invention. Figure 9A illustrates microphone sensors 172-1, 172-2, 172-3 and 172-4 ~~112-1, 112-2, 112-3 and 112-4~~ oriented in an equally spaced straight line array geometry on video game controller 170 [[110]]. In one embodiment, each of the microphone sensors 172-1 [[112-1]] through 172-4 [[112-4]] are approximately 2.5 cm apart. However, it should be appreciated that microphone sensors 172-1 through 172-4 ~~112-1 through 112-4~~ may be placed at any suitable distance apart from each other on video game controller 170 [[110]]. Additionally, video game controller 170 [[110]] is illustrated as a SONY PLAYSTATION 2 Video Game Controller, however, video game controller 170 [[110]] may be any suitable video game controller. The embodiments described herein may be incorporated with the embodiments of U.S. Application No. 10/650/409, which has been incorporated by reference, to enable tracking of a user's voice while the user is moving.--

On paragraph [0052], please amend as follows:

--Figure 9B illustrates an 8 sensor, equally spaced rectangle array geometry for microphone sensors 172-1 through 172-8 ~~112-1 through 112-8~~ on video game controller 170 [[110]]. It will be apparent to one skilled in the art that the number of sensors used on video game controller 170 [[110]] may be any suitable number of sensors. Furthermore, the audio

sampling rate and the available mounting area on the game controller may place limitations on the configuration of the microphone sensor array. In one embodiment, the arrayed geometry includes four to twelve sensors forming a convex geometry, e.g., a rectangle. The convex geometry is capable of providing not only the sound source direction (two-dimension) tracking as the straight line array does, but is also capable of providing an accurate sound location detection in three-dimensional space. While the embodiments described herein refer typically to a straight line array system, it will be apparent to one skilled in the art that the embodiments described herein may be extended to any number of sensors as well as any suitable array geometry set up. Moreover, the embodiments described herein refer to a video game controller having the microphone affixed thereto. However, the embodiments described below may be extended to any suitable portable consumer device utilizing a voice input system where the microphone is not affixed to the input device.--